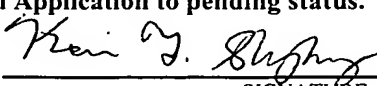


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 3402.1009-003
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/533368
INTERNATIONAL APPLICATION NO. PCT/US2003/034541	INTERNATIONAL FILING DATE 30 October 2003 (30.10.2003)	EARLIEST PRIORITY DATE CLAIMED 30 October 2002 (30.10.2002)
TITLE OF INVENTION Method and System for Controlling Fluid Flow in a Fuel Processing System		
APPLICANT(S) FOR DO/EO/US Gregory D. Len, Fortunat J. Mueller and Vincent Rizzo		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, with form PTO-1449(1 page) and International Search Report (4 pages). <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: Copy of the published International Application; Formal Figures (2 sheets; Figs. 1-2) with copy of transmittal letter to RO/US and accompanying Powers of Attorney; Notification of Receipt of Demand for IPE (PCT/IPEA/402); Notification of Transmittal of International Preliminary Examination Report (IPER) (PCT/IPEA/416) and IPER (PCT/IPEA/409); and Notification of the Recording of a Change (PCT/IB/306) (2). 		

U.S. APPLICATION NO. 10/533368 INTERNATIONAL APPLICATION NO. PCT/US2003/034541				ATTORNEY'S DOCKET NUMBER 3402.1009-003	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee \$300.00				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00					
All other situations \$200.00				\$100.00	
23. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00					
International Search Report prepared and provided to the Office \$400.00					
All other situations \$500.00				\$100.00	
TOTAL OF 21, 22 and 23 =				\$500.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	25 - 20 =	5	x \$50.00	\$250.00	
Independent claims	2 - 3 =	0	x \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$750.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$750.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$750.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$750.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$750 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 08-0380 in the amount of \$[] to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer No. 021005			 SIGNATURE		
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.			Kevin T. Shaughnessy		
530 Virginia Road			NAME		
P.O. Box 9133					
Concord, MA 01742-9133			51,014		
			REGISTRATION NUMBER		

HAMILTON
BROOK
SMITH &
REYNOLDS, P.C.

PATENTS, TRADEMARKS
COPYRIGHTS & LITIGATION

530 VIRGINIA ROAD
P.O. BOX 9133
CONCORD, MA 01742-9133
TEL (978) 341-0036
FAX (978) 341-0136
www.hbsr.com

MUNROE H. HAMILTON
(1906-1984)

DAVID E. BROOK
JAMES M. SMITH
LEO R. REYNOLDS
JOHN L. DUPRE
DAVID J. BRODY
MARY LOU WAKIMURA
ALICE O. CARROLL
N. SCOTT PIERCE
HELEN E. WENDLER
SUSAN G. L. GLOVSKY
DOREEN M. HOGLE
RICHARD W. WAGNER
ROBERT T. CONWAY
RODNEY D. JOHNSON
DAVID J. THIBODEAU, JR.
ANNE J. COLLINS
LISA M. TREANNIE
TIMOTHY J. MEAGHER
STEVEN G. DAVIS

SANDRA A. BROCKMAN-LEE
F. JAMES COE
CHRISTINE M. DOE
COLIN C. DURHAM
CAROL A. EGNER
ERIK L. ENCE
GIOVANNA FESSENDEN
CAROLINE M. FLEMING
TODD A. GERETY
ANTOINETTE G. GIUGLIANO
ILYA R. LAPSHIN
HELEN LEE
JOSEPH M. MARAJA
MARY K. MURRAY
DEIRDRE E. SANDERS
KEVIN T. SHAUGHNESSY
MARK B. SOLOMON
TROY T. SVIHL
A. CRISTINA TAYLOR*
RALPH TREMENTOZZI
DARRELL L. WONG
* NOT ADMITTED IN MASS.

OF COUNSEL

ELIZABETH W. MATA

PATENT AGENTS
SUSAN M. ABELLEIRA
ALEXANDER AKHEZER
JESSE A. BECKER
PAMELA A. TORPEY
KAREN J. TOWNSEND
ROBERT H. UNDERWOOD

TECHNOLOGY SPECIALISTS
PAUL G. ALLOWAY
KRAIG ANDERSON
SUSAN C. KELLY
BOOYONG SHIM LIM
LUCY LUBASHEV
VIVIEN J. TANNOCCH
MICHAEL M. YAMAUCHI

MICHAEL KEWESHAN
ADMINISTRATIVE DIRECTOR

BARBARA J. FORQUE
ADMINISTRATOR OF
PATENT AND
TRADEMARK PRACTICE

COPY

Date: 04 February 2004

EXPRESS MAIL LABEL NO. EV 214954904 U.S.

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: International Application No.: PCT/US03/34541
International Filing Date: 30 October 2003
Applicants: Nuvera Fuel Cells, Inc.
Title: Method and System for Controlling Fluid Flow in a
Fuel Processing System
HBSR Docket No.: 3402.1009002

Sir:

This submission is in response to the Invitation to Correct Defects
mailed from the U.S. Receiving Office (RO/US) on 09 January 2004.

Please find enclosed three (3) originally executed Powers of Attorney
documents for filing in the referenced application.

Also enclosed for filing in the referenced application are Formal
Figures (2 sheets; Figs. 1-2). Applicants' Attorney requests that you substitute
the enclosed Formal Figures for the drawings originally submitted.

The submission of the enclosed documents should correct the
mentioned defect.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Kevin T. Shaughnessy
Kevin T. Shaughnessy
Registration No.: 51,014
Attorney for Applicant

Enclosures
KTS/ama

@PFDestop\c:\ODMA\MHODMA\HBSR05\iManage\451050\1

SENT TO CLIENT

2-12-04